UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## NOTICE OF ALLOWANCE AND FEE(S) DUE

20686

7590

03/16/2006

DORSEY & WHITNEY, LLP INTELLECTUAL PROPERTY DEPARTMENT 370 SEVENTEENTH STREET SUITE 4700 DENVER, CO 80202-5647

EXAMINER					
NATNITHIT	NATNITHITHADHA, NAVIN				
ART UNIT	PAPER NUMBER				
3736	<del> </del>				

DATE MAILED: 03/16/2006

-	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/470,116	12/22/1999	RODNEY CLAYCOMB	DDX13	5798

TITLE OF INVENTION: ELECTRONIC ESTRUS DETECTION DEVICE

APPLN. TYPE	PE SMALL ENTITY ISSU		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	06/16/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax
(571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless corrected maintenance fee notification	below or directed otherwise	in Block I, by (a	) specifying	a new c	orrespondence address	; and/or (b) indicating a sepa	arate "FEE ADDRESS" for
	CE ADDRESS (Note: Use Block I for	any change of address)			Note: A certificate of Fee(s) Transmittal. The papers. Each additionate its company and foot	mailing can only be used for is certificate cannot be used a paper, such as an assignment of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must
20686 75	90 03/16/2006						
DORSEY & WH INTELLECTUAL 370 SEVENTEEN	ITNEY, LLP PROPERTY DEPART	MENT			Cer I hereby certify that th States Postal Service v addressed to the Mai transmitted to the USP	tificate of Mailing or Trans his Fee(s) Transmittal is being with sufficient postage for fir I Stop ISSUE FEE address TO (571) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
SUITE 4700	000 5645						(Depositor's name)
DENVER, CO 802	302-3647						(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/470,116	12/22/1999		RODNEY C	LAYCO	)MB	DDX13	5798
TITLE OF INVENTION: E	LECTRONIC ESTRUS DET	TECTION DEVIC	E				
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PU	JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700			\$0	\$700	06/16/2006
EXAN	INER	ART UN	IT	CI	ASS-SUBCLASS		
NATNITHITH	ADHA, NAVIN	3736			600-033000		
1. Change of correspondenc CFR 1.363).	e address or indication of "Fe	ee Address" (37		_	the patent front page, li	_	
CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
			(2) the na	me of a	single firm (having as a	member a 2	
PTO/SB/47; Rev 03-02 Number is required.	tion (or "Fee Address" Indica or more recent) attached. Use	tion form e of a Customer	2 registered listed, no	ed patent name wi	single firm (having as a or agent) and the nam attorneys or agents. If Il be printed.	no name is 3	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATEN	T (print o	or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will app F a substitute	ear on the for filing	he patent. If an assign g an assignment.	ee is identified below, the d	ocument has been filed for
(A) NAME OF ASSIGN	EE		(B) RESIDE	ENCE: (C	CITY and STATE OR O	COUNTRY)	
•							
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the p	oatent) :	☐ Individual ☐ Co	orporation or other private gro	oup entity Government
4a. The following fee(s) are	enclosed:	4b	. Payment of	Fee(s):			
Issue Fee					nount of the fee(s) is en		
	mall entity discount permitte	ed)	Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # or	Copies		Deposit A	Account	Number	rge the required fee(s), or cre (enclose an extr	ra copy of this form).
_ `	(from status indicated above MALL ENTITY status. See	•				LL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO	is requested to apply the Issu	e Fee and Publicat				y paid issue fee to the applica istered attorney or agent; or the	
NOTE: The Issue Fee and P interest as shown by the reco	ublication Fee (if required) vords of the United States Pate	vill not be accepted ent and Trademark	I from anyon Office.	e other th	nan the applicant; a regi	istered attorney or agent; or the	e assignee or other party in
Authorized Signature				-	Date	<u>-</u>	
					_	io	
Alexandria, virginia 22313-	1450.					the public which is to file (and minutes to complete, including mments on the amount of the Trademark Office, U.S. Dep. S. SEND TO: Commissioner displays a valid OMB control	
alo i apoi work iteduc		and required to 165	P 5114 10 4 001	.501.011 0	ormanyn umos R	and prayer a variet Civil Collinor	



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/470,116	12/22/1999	RODNEY CLAYCOMB	DDX13	5798		
20686 75	90 03/16/2006		EXAM	EXAMINER		
DORSEY & WH	ITNEY, LLP	NATNITHITHA	NATNITHITHADHA, NAVIN			
	PROPERTY DEPARTMEN	ART UNIT	PAPER NUMBER			
370 SEVENTEEN SUITE 4700 DENVER, CO 802		3736 DATE MAILED: 03/16/2000	6			

# Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.